

SEQUENCE LISTING

<110> Goulmy, Elsa

<120> METHOD FOR TYPING OF MINOR HISTOCOMPATIBILITY ANTIGEN
HA-1

<130> 2799/58994

<140> 09/269,250

<141> 1998-07-23

<160> 38

<170> PatentIn Ver. 2.1

<210> 1

<211> 377

<212> DNA

<213> Human

<400> 1

gtgagagcca cggggacacc gaggcctggg tggaagacag agccagaccc aaggaggat 60
ggaggaggagg acttggggag gtcagaagg gagggaggct cagatggcag ggagggtgt 120
gtggaagg ccacgacagc taaggctctg agggatgtgt aggagttgg tgggggagtc 180
cctgagcgta cactggctca agagggtgcc cactttatt ttttaaagg atctgatggc 240
aattaggagg gaaaggcaga ggaaatgtcc catgcacagg ctcagaaaca cggaaacaga 300
gaatgcattt gggggccaag gtgtgggggtg ccgctggtgt aggatgaagg catgacaacg 360
ccaggcagaa gggcaat 377

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<212> DNA

<213> Artificial Sequence

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gtgctgcctc ctggacactg 20

<210> 3

<211> 20

<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

<400> 3
tggtctcac cgtcatgcag 20

<210> 4
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<400> 4
tggtctcac cgtcacgcaa 20

<210> 5
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<400> 5
gcattctctg ttccgtgtt 20

<210> 6
<211> 20
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<400> 6
cttaaggagt gtgtgctgca 20

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cttaaggagt gtgtgtgcg 20

<210> 8
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<400> 8
gctgtcatgg cctcttcac 20

<210> 9
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<400> 9
gcattctctg ttccgtgtt 20

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ggcagagagc cctcgagcc

20

<210> 11

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<223> Description of Artificial Sequence: Primer

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gtgtgttcg tgacggtg

18

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gtgtgttcg tgacg

15

<210> 13

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<223> Description of Artificial Sequence: Primer

<400> 13

tgtgtgttc gtagc

16

<210> 14

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Fragments

<400> 17

gtg ttg cgt gac gac ctc ctt gag gcc 27
Val Leu Arg Asp Asp Leu Leu Glu Ala

1 5

<210> 18
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<212> PRT
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Fragments

<400> 18
Val Leu Arg Asp Asp Leu Leu Glu Ala
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<210> 19
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Fragments

<400> 19
gtg ctg cat gac gac ctc ctt gag gcc 27
Val Leu His Asp Asp Leu Leu Glu Ala
1 5

<210> 20
<211> 9
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Fragments

<400> 20
Val Leu His Asp Asp Leu Leu Glu Ala
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<210> 21
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<223> Description of Artificial Sequence: Exon
Fragments

<400> 21
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<210> 22
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Fragments

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<210> 23
<211> 33
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<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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<210> 25

<211> 39

<212> DNA

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<220>

<221> CDS

<222> (1)..(39)

<220>

<223> Description of Artificial Sequence: PCR Product

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gag tgt gtg ttg cgt gac gac ctc ctt gag gcc cgc cgc

39

Glu Cys Val Leu Arg Asp Asp Leu Leu Glu Ala Arg Arg

1

5

10

<210> 26

<211> 13

<212> PRT

<213> Artificial Sequence

<223> Description of Artificial Sequence: PCR Product

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Glu Cys Val Leu Arg Asp Asp Leu Leu Glu Ala Arg Arg

1

5

10

<210> 27

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<221> CDS

<222> (1)..(39)

<220>

<223> Description of Artificial Sequence: PCR Product

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Glu Cys Val Leu His Asp Asp Leu Leu Glu Ala Arg Arg

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<210> 28

<211> 13

<212> PRT

<213> Artificial Sequence

<223> Description of Artificial Sequence: PCR Product

<400> 28

Glu Cys Val Leu His Asp Asp Leu Leu Glu Ala Arg Arg

1 5 10

<210> 29

<211> 9

<212> PRT

<213> Human

<220>

<221> SITE

<222> (3)

<223> Wherein Xaa at position 3 represents a histidine
(H) or an arginine (R) residue.

<400> 29

Val Leu Xaa Asp Asp Leu Leu Glu Ala

1 5

<210> 30

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 30

gctcctgcat gacgctctgt ctgca

25

<210> 31
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 31
gacgtcgtcg aggacatctc ccat 24

<210> 32
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 32
gaaggccaca gcaatcgtct ccagg 25

<210> 33
<211> 30
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<220>
<223> Description of Artificial Sequence: Primer

<400> 33
ccttgagaaa cctaaggagt gtgtgctgca 30

<210> 34
<211> 30
<212> DNA
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<220>
<223> Description of Artificial Sequence: Primer

<400> 34

ccttgagaaa ctttaaggagt gtgtgttgcg

30

<210> 35

<211> 78

<212> DNA

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<222> (1)..(78)

<220>

<223> Description of Artificial Sequence: PCR Product

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gag tgt gtg ttg cgt gac gac ctc ctt gag gcc cgc cgc gag tgt gtg 48

Glu Cys Val Leu Arg Asp Asp Leu Leu Glu Ala Arg Arg Glu Cys Val

1 5 10 15

ctg cat gac gac ctc ctt gag gcc cgc cgc

78

Leu His Asp Asp Leu Leu Glu Ala Arg Arg

20 25

<210> 36

<211> 26

<212> PRT

<213> Artificial Sequence

<223> Description of Artificial Sequence: PCR Product

<400> 36

Glu Cys Val Leu Arg Asp Asp Leu Leu Glu Ala Arg Arg Glu Cys Val

1 5 10 15

Leu His Asp Asp Leu Leu Glu Ala Arg Arg

20 25

<210> 37

<211> 9

<212> PRT

<213> Human

<220>

<221> SITE

<222> (2)

<223> Wherein Xaa at position 2 represents Isoleucine or
Leucine

<400> 37

Tyr Xaa Thr Asp Arg Val Met Thr Val

1 5

<210> 38

<211> 8

<212> PRT

<213> Human

<400> 38

Val Leu His Asp Leu Leu Glu Ala

1 5